

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. through 11. (cancelled)

12. (currently amended): An optical film comprising:

a transparent film having a refractive index of not lower than 1.49 and having a thickness of not larger than 300 μ m;

transparent adhesive means provided on one surface of said transparent film, said transparent adhesive means having a refractive index of not lower than 1.49; and

a repetitive prismatic structure provided on the other surface of said transparent film, said repetitive prismatic structure having optical path changing slopes aligned in a substantially constant direction at an inclination angle in a range of from 35 to 48 degrees with respect to a plane of said transparent film.

13. (original): An optical film according to claim 12, wherein said optical path changing slopes are constituted by at least two kinds of slopes in which one kind of slopes aligned in a substantially constant direction serve as a reference while the other kind of slopes are aligned substantially in a direction which is opposite to said one kind of slopes.

14. (original): An optical film according to claim 12, wherein said adhesive means is a tacky layer.

15. (original): An optical film according to claim 12, wherein said inclination angle of each of said optical path changing slopes with respect to said film plane is in a range of from 38 to 45 degrees.

16. (original): An optical film according to claim 12, wherein said optical path changing slopes are formed based on a structure of grooves each shaped substantially like an isosceles triangle or any other triangle in section.

17. (original): An optical film according to claim 12, wherein said optical path changing slopes are formed based on a structure of grooves or protrusions each shaped substantially like a tetragon or a pentagon in section.

18. (original): An optical film according to claim 12, wherein said repetitive prismatic structure further includes flat surfaces each of which is inclined at an inclination angle of not larger than 5 degrees with respect to said film plane, and wherein a projected width of each of said flat surfaces onto said film plane is not smaller than 10 times as large as a projected width of each of said optical path changing slopes onto said film plane.

19. (original): An optical film according to claim 12, wherein said prismatic structure is constituted by optical path changing slopes each inclined at an inclination angle in a range of from 38 to 45 degrees with respect to said film plane, and flat surfaces each inclined at an inclination angle of not larger than 5 degrees with respect to said film plane and each having a width of each of said flat surfaces is not smaller than 10 times as large as a width of each of said optical path changing slopes; and wherein said prismatic structure is constituted by continuous grooves each of which is shaped substantially like a triangle in section and each of which is extended from one end of said film to the other end thereof.

20. (currently amended): An optical film according to claim 12, wherein said prismatic structure including optical path changing slopes is constituted by discontinuous grooves each shaped substantially like a polygon ~~such as a triangle, a tetragon or a pentagon~~ in cross-section; a length of each of said discontinuous grooves is not smaller than 5 times as large as a depth of each of said discontinuous grooves; wherein said optical path changing slopes are formed in a direction of the length of said grooves at an inclination angle in a range of from 38 to 45 degrees with respect to said film plane; and wherein a projected area of said discontinuous grooves onto an area of said film plane is not larger than 10%.

21. (original): An optical film according to claim 12, wherein a reflection layer is disposed closely on a surface of said film on which said prismatic structure including said optical path changing slopes is formed.

22. (original): An optical film according to claim 12, wherein ridgelines of said optical path changing slopes are parallel to or inclined within an angle range of ± 30 degrees with respect to one side of said transparent film.

23. (original): An optical film according to claim 12, wherein said adhesive means is covered with a strip sheet.

24. (original): An optical film according to claim 12, wherein said adhesive means is of a light diffusion type.

25. (original): A liquid-crystal display device comprising an optical film according to claim 12.

26. through 38. (cancelled)

39. (new): An optical film according to claim 20, wherein each of said discontinuous grooves is shaped substantially like a triangle in cross-section.

40. (new): An optical film according to claim 20, wherein each of said discontinuous grooves is shaped substantially like a tetragon in cross-section.

41. (new): An optical film according to claim 20, wherein each of said discontinuous grooves is shaped substantially like a pentagon in cross-section.